

About the Course

This is a five-day tutor-led course using a mixture of slide presentations, discussions, tool demonstrations and practical exercises. The classroom course is five days including exam preparation and revision. The qualification is assessed by means of a three hour multiple choice-style examination, which may be scheduled on-site or taken at public exam centres, administered by ISEB. Please contact us for the exam dates or exam voucher.

The Advanced level qualifications are aimed at those individuals who have achieved an advanced point in their software testing careers. Each exam handles a different aspect of software testing and builds on the Foundation and Intermediate certifications with more practical and specific application of the broader theory.

The Advanced level qualifications examine up to level K4 of the given learning objectives / levels of knowledge and has been rated SFIA Plus level 5 by the BCS.

ISTQB Advanced Test Manager is suitable for those who are expecting to be actively involved in the management of any aspect of software testing. The course, which is fully compliant with the syllabus and its prescribed learning objectives, contains 9 key modules of at least the required duration (minutes):

1. Introduction to the syllabus;
2. Basic Aspects of Software Testing (150);
3. Testing Processes (120);
4. Test Management (1120);
5. Reviews (120);
6. Incident Management (80);
7. Standards & Test Improvement Process (120);
8. Test Tools & Automation (90);
9. People Skills & Team Composition (240).

The Exam

This section contains information and documents that will help you prepare for this examination.

Each Advanced level examination lasts 3 hours and consists of 65 multiple choice, questions. Each question has a value of 1, 2 or 3 marks, the total available mark for each exam is 100 and the pass mark is 65. The Advanced level exam has "pick 'n' mix" questions which consist of a stem (question) followed by a list of options (minimum 5). The candidate is asked to pick 2 or 3 of the options listed.

The ISTQB Advanced level exams breakdown as follows:60% K2 (39 questions), 25% K3/K4 standard (16 questions), 15% K4 complex (10 questions).

Course Objectives

The Advanced Test Manager qualification focuses on test estimation, planning, monitoring and control. Successful candidates can:

- Define the overall testing goals and strategy for the systems being tested
- Plan, schedule and track the tasks
- Describe and organise the necessary activities
- Select, acquire and assign the adequate resources to the tasks
- Select, organise and lead testing teams
- Organise the communication between the members of the testing teams, and between the testing teams and all other stakeholders
- Justify the decisions and provide adequate reporting information where applicable

Entry Requirements

Successful completion of the ISTQB-ISEB Certified Tester Foundation Level is a pre-requisite to taking an Advanced Certificate examination and it is suggested that candidates have a minimum of 3 years testing experience. Candidates may find the ISEB Intermediate Certificate a useful bridge between Foundation and Advanced though it is not mandatory.

Syllabus – Key points

Basic Aspects of Software Testing

- Testing in the Software Lifecycle;
- Testing for Specific System Types;
- Metrics & Measurement.

Test Tools & Automation

- Test Tool Concepts;
- Test Tool Categories.

Reviews

- The Principles of Reviews;
- Introducing Reviews;
- Success Factors for Reviews.

Test Management

- Test Management Documentation;
- Test Plan Documentation;
- Test Estimation;
- Scheduling Test Planning;
- Test Progress Monitoring & Control;
- Business Value of Testing;
- Distributed, Outsourced & Insourced Testing;
- Introduction to Risk-Based Testing;
- Risk Management;
- Risk Management in the Lifecycle ;
- Failure Mode & Effect Analysis;
- Test Management Issues.

Incident Management

- Process, Evaluate, Analyze Defect & Update Defects Taxonomy.

People Skills & Team Composition

- Individual Skills;
- Test Team Dynamics;
- Fitting Testing Within an Organization;
- Motivation;
- Communication

Testing Processes

- Test Planning & Control;
- Test Implementation & Execution;
- Evaluating Exit Criteria & Reporting;
- Test Closure Activities.

Standards & Test Process Improvement

- Improving the Test Process;
- Different industry models.

Next steps

The Advanced level certifications are part of the ISTQB internationally recognised software testing scheme. The next step within this scheme will be Expert level. More details to follow when available

How to buy

- Call TSG +44 (0)20 7469 1500
- Visit our website at <http://testing-solutions.com/training/courses>
- Contact your preferred training supplier